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Quincy
ARMACLAD ROOF PANELS

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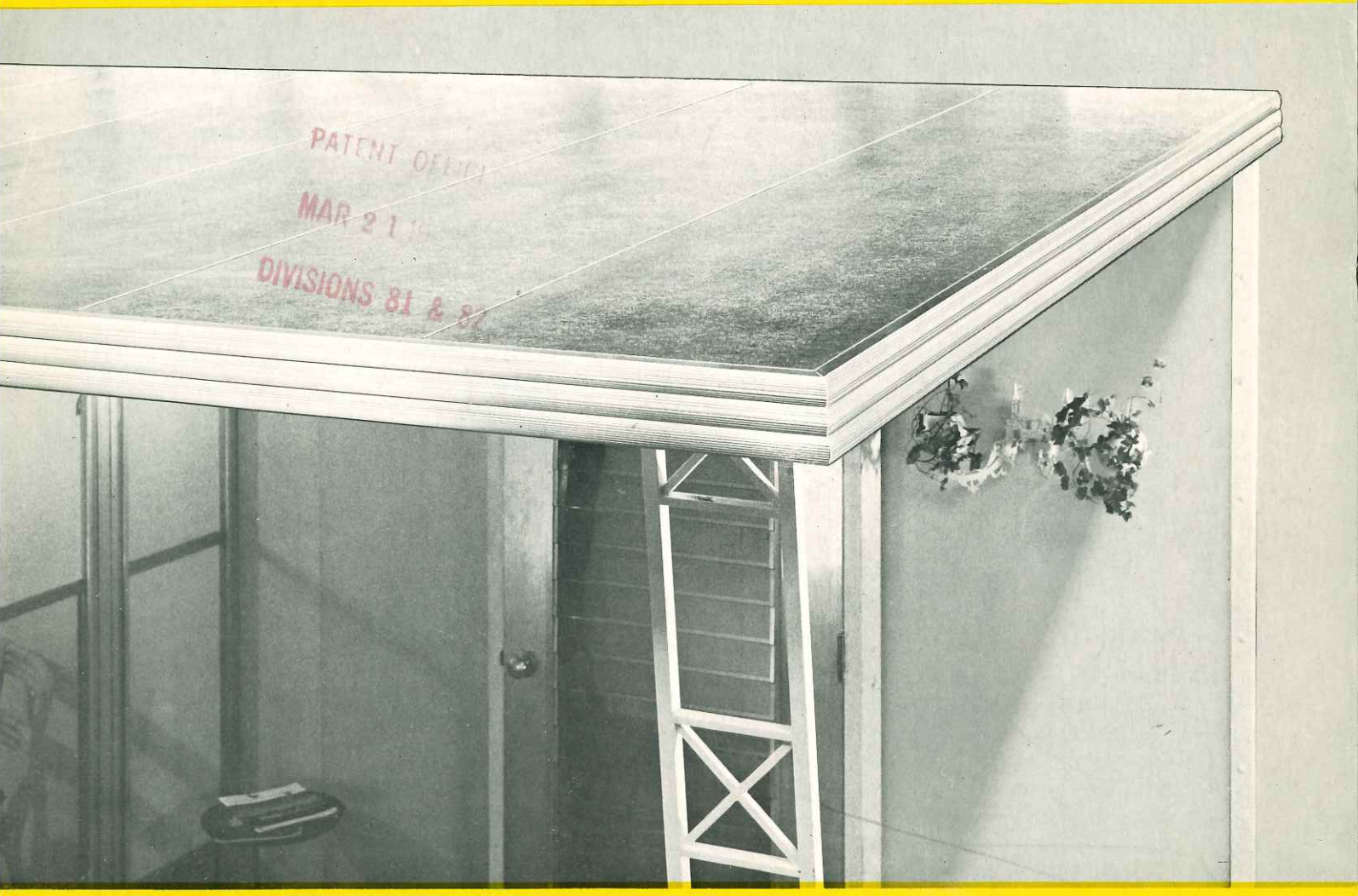


A SELF-CONTAINED ROOF THAT REQUIRES NO INTERMEDIATE UNDER-SUPPORTS

A PRODUCT OF THE HESS MANUFACTURING COMPANY • QUINCY PA.

WAYNE LABORATORIES

FOUNDED 1920

Chemical and Engineering Consultants

Analysts

17 E. MAIN ST.
WAYNESBORO, PENNA.

November 26, 1958

CERTIFICATION

This is to certify that, in respect to the "ARMACLAD" roof panels manufactured by the Hess Manufacturing Company of Quincy, Pennsylvania in accordance with the attached specifications, the applicable tests have been performed under our supervision and in conformity with Commercial Standard CS125-47 for Prefabricated Homes, developed by the trade, under the procedure of the National Bureau of Standards, and issued by the U. S. Department of Commerce, Washington, D. C., and the results were in conformity with the requirements under a uniformly distributed load of 30 pounds per square foot, as well as under the applicable requirements in respect to concentrated loads and impact loads. The tests were made on a 2 foot wide by 12 foot long roof panel placed on a 11 foot 8 inch span.

THE WAYNE LABORATORIES
J. S. Martin, Director

This is to certify the above tests were witnessed by me and the results approved as being in agreement with the statements herein.

John Cary Grundy
Registered Professional Engineer

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOHN CARY GRUNDY
ENGINEER 4584

Patio Roofs, Marquees and Carports go up fast when built of new giant size prefabricated Quincy Armaclad Roof Panels. Panels are two feet wide and up to twenty feet in length. Six, eight, ten and twelve-foot panels are available from stock. Other sizes are made on special order.

As indicated in the testing laboratory report reproduced above, the standard three-inch panel, twelve feet long will support a snow load of 30 pounds per square foot without intermediate under supports. Similarly, a ten-foot panel will support a snow load of 40 pounds per square foot.

The reflective insulating qualities of the aluminum skins, combined with the hidden aluminum insulation and "breather cell" construction develops an insulation "U" value of .20. Lower "U" values may be obtained by specifying additional insulation in the cells of the panel.

• QUINCY ARMACLAD ROOF PANELS ARE STRONG, RUGGED AND SELF SUPPORTING

Surface damage such as denting is eliminated by the hard, rigid, fibre board under-skin to which the aluminum sheet is bonded.

The fluted fascia—a massive architectural aluminum extrusion—is an integral part of the roof, adding beauty as well as strength.

The modern laminating techniques employed in Armaclad construction provide unmatched strength, insulation, excellent acoustical qualities and outstanding beauty at a cost that formerly provided only metal awning protection.

Reach Out For Spacious Living . . .

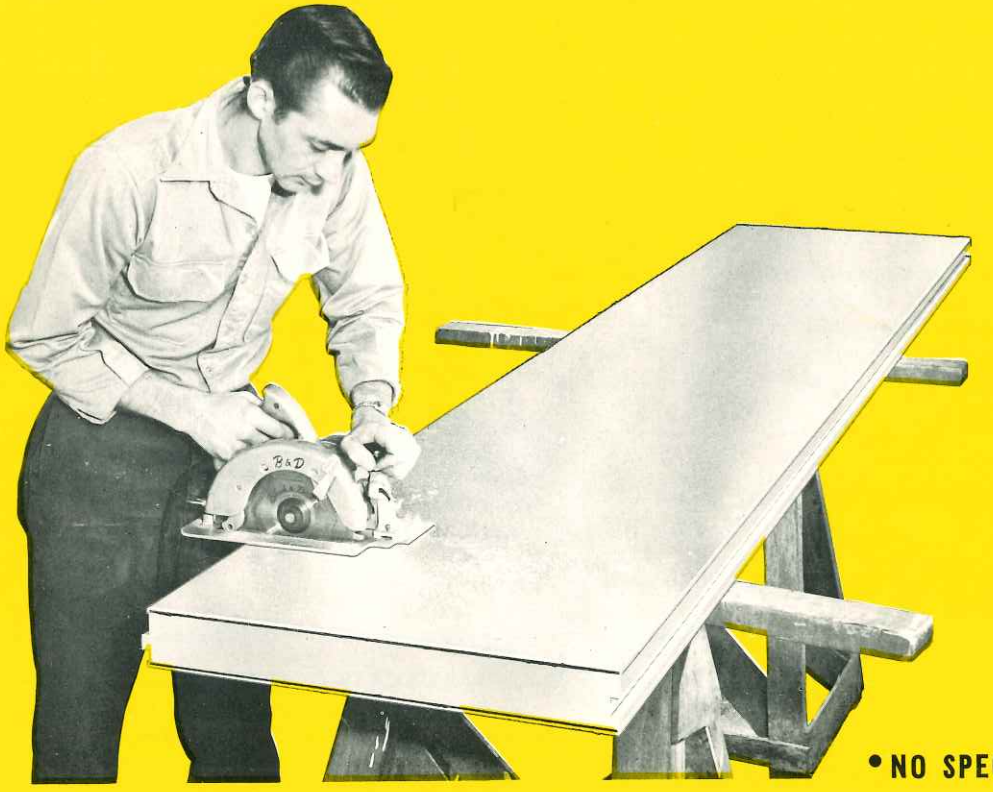
Homeowners want more spacious "Outdoor Living". In fact, over 50% of the 80,000 homeowners replying to a recent survey by the Home Improvement Council indicated they either need or want an addition, enlargement or screening of patio, porch or other outdoor living area.

The Quincy Armaclad "Outdoor Living" Units most effectively and economically meet this growing need.

Armaclad Roof Panels, Screen-Sash Wall Sections and Jalousie Wall Sections provide amazing versatility. Prefabricated at the factory to your exact specifications, these three Armaclad units may be assembled alone or in combination. A covered jalousie room . . . a screened in room with sash protection . . . a screened porch . . . a screened porch with the weather end protected by jalousies . . . in fact any combination you may desire.

All units, regardless of the combination, are a "matched set" carefully designed to blend tastefully with the architectural style of any home.

Here at last is the Homeowners' dream-come-true . . . a strong, rigid yet beautiful problem-free roof and a lovely matching enclosure with nothing to paint or repair . . . nothing to crack, chip or warp . . . all adding a gracious new spacious living area to the home.



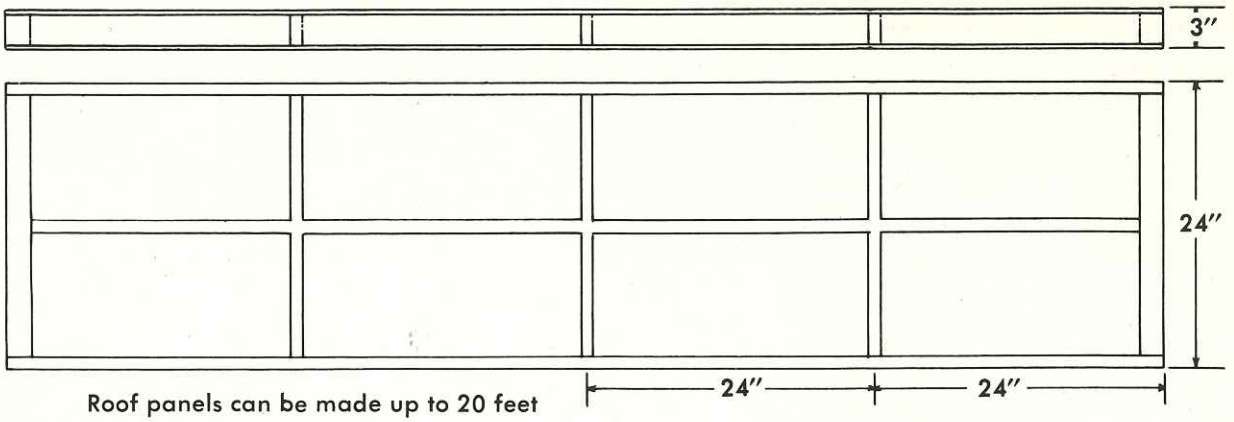
Strength to meet the building code snow load requirements of northern cities is provided by Armaclad's balanced sandwich construction. A rigid under-skin of fibre board is bonded to each side of a strutted core of kiln-dried fir. Patterned aluminum sheet is applied to each side of the panel. This entire assembly is bonded together under heat and pressure into a single unit that exploits to full advantage the strength factors of each component part.

The tongue and groove edges hold the panels in horizontal alignment and speed installation. This assembly, coupled with the extremely strong fascia permits unusually wide spans without under supports.

A unique feature of Armaclad Roof Panel is the fact that stock size panels may be cut to any desired length by the installer.

• NO SPECIAL SKILLS REQUIRED TO ERECT

INSTALLATION IS FAST AND SIMPLE WITH ARMACLAD



Roof panels can be made up to 20 feet in length with a cross strut each two feet.

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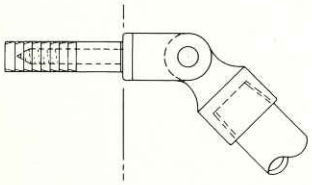
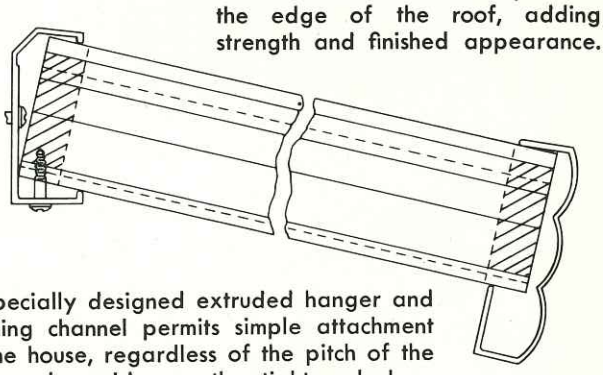
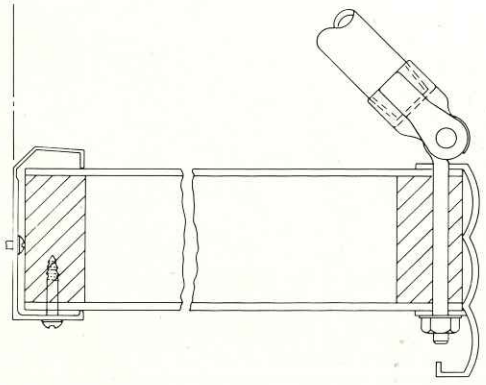


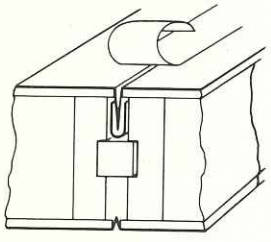
Overhead Support Brackets for Marquee Installations.

The extruded fascia slips over the edge of the roof, adding strength and finished appearance.



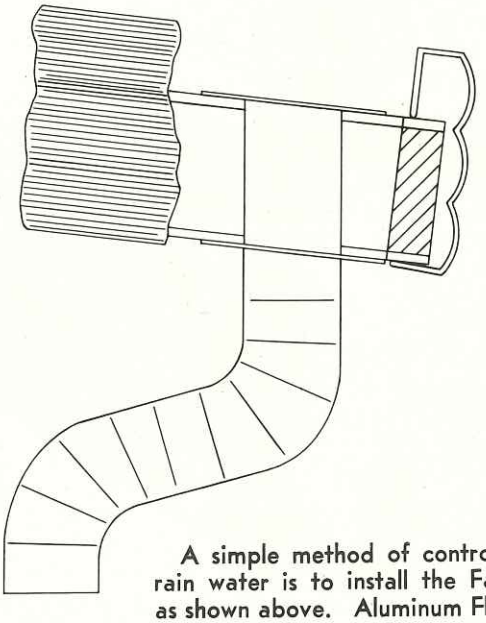
Specially designed extruded hanger and flashing channel permits simple attachment to the house, regardless of the pitch of the roof, and provides weather-tight seal along the building.





Tongue and groove edges hold the panels in horizontal alignment and facilitate speedy installation.

A pressure sensitive Joint Seal Tape of woven fiber, aluminum and two layers of adhesive is provided to completely cover the joint between panels. A concealed Drain Channel is inserted at time of installation.



A simple method of controlling rain water is to install the Fascia as shown above. Aluminum Flanged Sleeve, Elbows and Down Spout are available.

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